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Dated: September 23, 2004

Signature: *Sandy Reisman*

(Sandy Reisman)

1632
JFW
Docket No.: 334498011US
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Pre Patent Application of:

Heidi Schmitt et al.

Application No.: 10/822,222

Confirmation No.: 1315

Filed: April 9, 2004

Art Unit: 1632

For: ENZYMATIC MODIFICATION OF
LECITHIN

Examiner: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT (IDS)

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)).

A copy of each reference on the PTO/SB/08 is attached.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this

Application No.: 10/822,222

Docket No.: 334498011US

application by this firm) to our Deposit Account No. 50-2207, under Order No. 334498011US. A duplicate copy of this paper is enclosed.

Dated: September 23, 2004

Respectfully submitted,

By 

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PERKINS COIE LLP

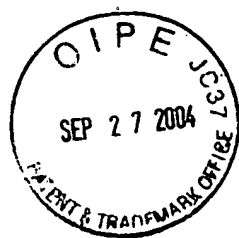
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PTO/SB/08a/b (08-03)

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Substitute for form 1449A/B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	10/822,222-Conf. #1315
				Filing Date	April 9, 2004
				First Named Inventor	Heidi Schmitt
				Art Unit	1632
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	334498011US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US-20030072856	04-17-2003	Bassam Jirjis	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		AU-713557	11-07-1996	Societe des Produits Nestle S.A.		
		WO-00/52190	09-08-2000	Kemin Industries, Inc.		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		BORNSCHEUER, U.T., et al., "Optimizing lipases and related enzymes for efficient application," Trends in Biotechnology, Vol. 20, No. 10, October 2002, pp. 433-437	
		KILCAWLEY, K.N., et al., "Determination of key enzyme activities in commercial peptidase and lipase preparations from microbial or animal sources," Enzyme and Microbial Technology, Vol. 31, 2002, pp. 310-320	
		MUSTRANTA, A, et al., "Comparison of Lipases and Phospholipases in the Hydrolysis of Phospholipids," Process Biochemistry, Vol. 30, No. 5, 1995, Great Britain, pp. 393-401	
		HAAS, M.J., et al., "The Hydrolysis of Phosphatidylcholine by an Immobilized Lipase: Optimization of Hydrolysis in Organic Solvents," Journal of the American Oil Chemists' Society, Vol. 70, No. 2, February 1993, pp. 111-117	
		HAAS, M.J., et al., "Enzymatic Phosphatidylcholine Hydrolysis in Organic Solvents: An Examination of Selected Commercially Available Lipases," Journal of the American Oil Chemists' Society, Vol. 71, No. 5, May 1994, pp. 483-490	
		HAAS, M.J., et al., "The Enzymatic Hydrolysis of Triglyceride-Phospholipid Mixtures in an Organic Solvent," Journal of the American Oil Chemists' Society, Vol. 72, No. 5, 1995, pp. 519-525	
		HARA, F., et al., "Comparative Study of Commercially Available Lipases in Hydrolysis Reaction of Phosphatidylcholine," Journal of American Oil Chemists' Society, Vol. 74, No. 9, 1997, pp. 1129-1132	
		GUNSTONE, F.D., "Enzymes as biocatalysts in the modification of natural lipids," Journal of the Science of Food and Agriculture, Vol. 79, No. 12, 1999, pp. 1535-1549	
		MUSTRANTA, A., et al., "Modification of Phospholipids With Lipases and Phospholipases," Biocatalysis, Vol. 9, 1994, pp. 181-194	

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Examiner Signature		Date Considered	
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